### Congress of the United States

Washington, DC 20510

June 17, 2019

Received & Inspected
JUN 2 4 2019
FCC Mailroom

The Honorable Ajit Pai Chairman, Federal Communications Commission 445 12<sup>th</sup> Street SW Washington, DC 20554

Dear Chairman Pai:

We write to urge the Federal Communications Commission (FCC) to improve our nation's broadband maps by reforming the mapping process that illustrates where fixed and mobile broadband services are available within the United States.

What should be of great concern to government, the telecommunications industry, and American consumers is the significant lack of detail, accuracy, and granularity of these broadband maps. For example, an entire census block may be considered served even though only a single location within the block has access to fixed broadband service. This misidentification could result in the denial of vital funding which could otherwise bring service to these underserved areas.

Indeed, the Commission's recently released 2019 annual Broadband Deployment Report found that more than 21 million Americans still lack access to high-speed internet service. An overwhelming majority of these Americans are living in rural areas. However, some have called this data into question and argue that broadband connectivity is even worse than the Commission's data illustrates. In fact, recent research shows that more than 162 million Americans are not using the internet at broadband speeds of 25 Mbps.

The challenge, in part, lies with the FCC's current Form 477 process, which is overly reliant upon the data self-reported by service providers. We urge the Commission to explore developing a process to validate or authenticate the information produced by service providers. This will lead to more accurate and reliable data collection. Inaccuracies within the data may currently be translated onto the broadband maps, which are used to allocate important grant funding and federal financing through programs administered by the Commission, the United States Department of Agriculture, and the Department of Commerce to bring broadband access to lacking areas. A failure to allocate federal investment to where it is needed the most ultimately falls on constituents. Without sufficient broadband access, small businesses struggle to operate and students are forced to complete their homework in library parking lots just to use WiFi.

Specifically, in Illinois, we've seen a variety of cases that may reflect a nationwide problem. For example, some Rural Local Exchange Carriers (RLECs) have been unable to apply for or receive funding due to inaccurate maps. These RLECs have provided detailed engineering studies, collected and prepared customer "testimonial" documents, and submitted an extensive FCC petition for reconsideration regarding competitive overlap. They also have filed comments and documents with the FCC requesting a review of these core issues. Despite these efforts, inaccurate mapping has continued to hurt the ability of affected companies to expand broadband

to rural communities. In one case, a small Illinois RLEC was initially declared as one hundred percent competitively overlapped due to inaccurate 477 reporting by another broadband service provider; and as a result, was deemed ineligible to receive funding. Many other small RLEC companies have attempted to secure loan and grant funding to serve our constituents, only to be denied. As a result, many rural areas, which cannot realistically be served without federal support, remain unserved. Both rural providers and consumers would benefit from a validation and challenge process to more accurately depict broadband availability and quality standards.

Therefore, as the country looks to close the digital divide between rural and urban communities through the deployment of and robust investment in fixed and mobile broadband infrastructure, the capacity to accurately depict which communities are the least connected is vital. We ask that the Commission double their efforts to improve the broadband mapping process through three specific proposals. First, develop more standardized granular reporting of broadband availability – while also balancing the burdens of reporting especially for smaller operators. Second, establish a suitable validation process by which the self-reported data from service providers can be verified by the FCC. And third, develop a process through which state and local governments, as well as other interested parties, can challenge the data displayed in the maps for accuracy while not adding unnecessary costs or delays. These three common-sense reforms would work to collectively improve the accuracy of the data being used to make decisions on billions of dollars in federal funding and financing.

As we work to repair and rebuild our nation's infrastructure, we must ensure that those in rural America have access to high-quality and reliable fixed or mobile broadband. In addition to developing our nation's rural economy, broadband helps expand educational horizons for students and allows rural health providers to offer more flexible and cost-effective delivery approaches.

Thank you for your attention to this matter. We look forward to working with you as the Commission works to ensure that every American has access to dependable broadband service.

Sincerely,

Richard J. Durbin

United States Senator

United States Representative

United States Senator

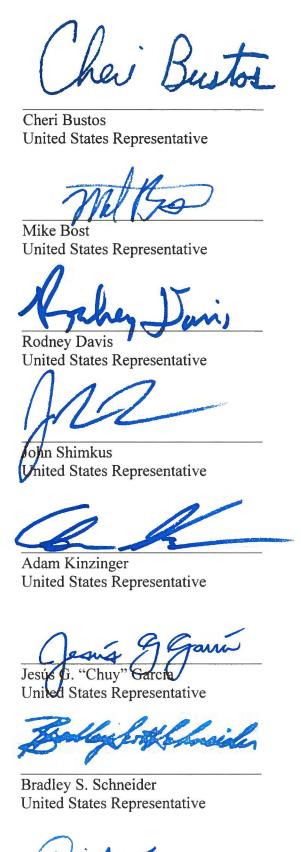
Jan Schakowsky

United States Representative

a Krishnamoorthi United States Representative Sean Casten United States Representative Robin L. Kelly United States Representative Darin LaHood United States Representative Bill Foster United States Representative Danny K. Davis United States Representative

United States Representative





United States Representative

CC: Jessica Rosenworcel, Federal Communications Commissioner Geoffrey Starks, Federal Communications Commissioner Michael O'Rielly, Federal Communications Commissioner Brendan Carr, Federal Communications Commissioner



August 19, 2019

The Honorable Richard J. Durbin United States Senate 711 Hart Senate Office Building Washington, DC 20510

#### Dear Senator Durbin:

Thank you for your letter regarding broadband mapping. Closing the digital divide is my top priority. I have seen for myself in 45 states, including Illinois, and the territories of Puerto Rico and the Virgin Islands what affordable high-speed Internet access can do for a community—for its families, its schools, its hospitals, its farms, its businesses—as well as the impact of its absence.

I agree that using updated and accurate broadband deployment data is critical to bridging the digital divide. We need to understand where broadband is available and where it is not to target our efforts and direct funding to areas that are most in needed. That is why the Commission began a top-to-bottom review of the Form 477 process to ensure that broadband data was more accurate, granular, and ultimately useful to the Commission and the public.

After a thorough review of the record and the painstaking work of our career staff, the Commission adopted a Report and Order at the FCC's August Open Meeting that will result in more granular and more accurate broadband maps through the creation of the Digital Opportunity Data Collection. That means requiring broadband providers to report where they actually offer service below the census block level, having the Universal Service Administrative Company independently test the validity of that data, and incorporating public feedback to ensure up to date and accurate broadband deployment maps.

I appreciate your continued interest in working with the FCC to close the digital divide and look forward to continuing to collaborate on this issue. Please let me know if I can be of any further assistance.

Sincerely,

Bit V. Pai



August 19, 2019

The Honorable Tammy Duckworth United States Senate 524 Hart Senate Office Building Washington, DC 20510

#### Dear Senator Duckworth:

Thank you for your letter regarding broadband mapping. Closing the digital divide is my top priority. I have seen for myself in 45 states, including Illinois, and the territories of Puerto Rico and the Virgin Islands what affordable high-speed Internet access can do for a community—for its families, its schools, its hospitals, its farms, its businesses—as well as the impact of its absence.

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Sincerely.



August 19, 2019

The Honorable Bobby L. Rush U.S. House of Representatives 2188 Rayburn House Office Building Washington, DC 20515

#### Dear Congressman Rush:

Thank you for your letter regarding broadband mapping. Closing the digital divide is my top priority. I have seen for myself in 45 states, including Illinois, and the territories of Puerto Rico and the Virgin Islands what affordable high-speed Internet access can do for a community—for its families, its schools, its hospitals, its farms, its businesses—as well as the impact of its absence.

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August 19, 2019

The Honorable Jan Schakowsky U.S. House of Representatives 2367 Rayburn House Office Building Washington, DC 20515

Dear Congresswoman Schakowsky:

Thank you for your letter regarding broadband mapping. Closing the digital divide is my top priority. I have seen for myself in 45 states, including Illinois, and the territories of Puerto Rico and the Virgin Islands what affordable high-speed Internet access can do for a community—for its families, its schools, its hospitals, its farms, its businesses—as well as the impact of its absence.

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Sincerely.



August 19, 2019

The Honorable Raja Krishnamoorthi U.S. House of Representatives 515 Cannon House Office Building Washington, DC 20515

Dear Congressman Krishnamoorthi:

Thank you for your letter regarding broadband mapping. Closing the digital divide is my top priority. I have seen for myself in 45 states, including Illinois, and the territories of Puerto Rico and the Virgin Islands what affordable high-speed Internet access can do for a community—for its families, its schools, its hospitals, its farms, its businesses—as well as the impact of its absence.

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Sincerely.



August 19, 2019

The Honorable Cheri Bustos
U.S. House of Representatives
1009 Longworth House Office Building
Washington, DC 20515

#### Dear Congresswoman Bustos:

Thank you for your letter regarding broadband mapping. Closing the digital divide is my top priority. I have seen for myself in 45 states, including Illinois, and the territories of Puerto Rico and the Virgin Islands what affordable high-speed Internet access can do for a community—for its families, its schools, its hospitals, its farms, its businesses—as well as the impact of its absence.

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Sincerely,



August 19, 2019

The Honorable Sean Casten U.S. House of Representatives 429 Cannon Houe Office Building Washington, DC 20515

#### Dear Congressman Casten:

Thank you for your letter regarding broadband mapping. Closing the digital divide is my top priority. I have seen for myself in 45 states, including Illinois, and the territories of Puerto Rico and the Virgin Islands what affordable high-speed Internet access can do for a community—for its families, its schools, its hospitals, its farms, its businesses—as well as the impact of its absence.

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August 19, 2019

The Honorable Mike Bost U.S. House of Representatives 1440 Longworth House Office Building Washington, DC 20515

#### Dear Congressman Bost:

Thank you for your letter regarding broadband mapping. Closing the digital divide is my top priority. I have seen for myself in 45 states, including Illinois, and the territories of Puerto Rico and the Virgin Islands what affordable high-speed Internet access can do for a community—for its families, its schools, its hospitals, its farms, its businesses—as well as the impact of its absence.

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Sincerely.



August 19, 2019

The Honorable Rodney Davis
U.S. House of Representatives
1740 Longworth House Office Building
Washington, DC 20515

Dear Congressman Davis:

Thank you for your letter regarding broadband mapping. Closing the digital divide is my top priority. I have seen for myself in 45 states, including Illinois, and the territories of Puerto Rico and the Virgin Islands what affordable high-speed Internet access can do for a community—for its families, its schools, its hospitals, its farms, its businesses—as well as the impact of its absence.

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August 19, 2019

The Honorable Darin LaHood U.S. House of Representatives 1424 Longworth House Office Building Washington, DC 20515

#### Dear Congressman LaHood:

Thank you for your letter regarding broadband mapping. Closing the digital divide is my top priority. I have seen for myself in 45 states, including Illinois, and the territories of Puerto Rico and the Virgin Islands what affordable high-speed Internet access can do for a community—for its families, its schools, its hospitals, its farms, its businesses—as well as the impact of its absence.

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August 19, 2019

The Honorable John Shimkus
U.S. House of Representatives
2217 Rayburn House Office Building
Washington, DC 20515

#### Dear Congressman Shimkus:

Thank you for your letter regarding broadband mapping. Closing the digital divide is my top priority. I have seen for myself in 45 states, including Illinois, and the territories of Puerto Rico and the Virgin Islands what affordable high-speed Internet access can do for a community—for its families, its schools, its hospitals, its farms, its businesses—as well as the impact of its absence.

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August 19, 2019

The Honorable Bill Foster U.S. House of Representatives 1224 Longworth House Office Building Washington, DC 20515

#### Dear Congressman Foster:

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August 19, 2019

The Honorable Danny K. Davis U.S. House of Representatives 2159 Rayburn House Office Building Washington, DC 20515

#### Dear Congressman Davis:

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#### FEDERAL COMMUNICATIONS COMMISSION Washington

August 19, 2019

The Honorable Jesús "Chuy" Garcia U.S. House of Representatives 530 Cannon House Office Building Washington, DC 20515

#### Dear Congressman Garcia:

Thank you for your letter regarding broadband mapping. Closing the digital divide is my top priority. I have seen for myself in 45 states, including Illinois, and the territories of Puerto Rico and the Virgin Islands what affordable high-speed Internet access can do for a community—for its families, its schools, its hospitals, its farms, its businesses—as well as the impact of its absence.

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Sincerely,

Ajit V. Pai



#### FEDERAL COMMUNICATIONS COMMISSION Washington

August 19, 2019

The Honorable Lauren Underwood U.S. House of Representatives 1118 Longworth House Office Building Washington, DC 20515

Dear Congresswoman Underwood:

Thank you for your letter regarding broadband mapping. Closing the digital divide is my top priority. I have seen for myself in 45 states, including Illinois, and the territories of Puerto Rico and the Virgin Islands what affordable high-speed Internet access can do for a community—for its families, its schools, its hospitals, its farms, its businesses—as well as the impact of its absence.

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Sincerely,
Ajit V. Pai



August 19, 2019

The Honorable Brad Schneider U.S. House of Representatives 1432 Longworth House Office Building Washington, DC 20515

Dear Congressman Schneider:

Thank you for your letter regarding broadband mapping. Closing the digital divide is my top priority. I have seen for myself in 45 states, including Illinois, and the territories of Puerto Rico and the Virgin Islands what affordable high-speed Internet access can do for a community—for its families, its schools, its hospitals, its farms, its businesses—as well as the impact of its absence.

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#### FEDERAL COMMUNICATIONS COMMISSION Washington

August 19, 2019

The Honorable Mike Quigley U.S. House of Representatives 2458 Rayburn House Office Building Washington, DC 20515

Dear Congressman Quigley:

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Ajit V. Pai



August 19, 2019

The Honorable Robin Kelly U.S. House of Representatives 1239 Longworth House Office Building Washington, DC 20515

Dear Congresswoman Kelly:

Thank you for your letter regarding broadband mapping. Closing the digital divide is my top priority. I have seen for myself in 45 states, including Illinois, and the territories of Puerto Rico and the Virgin Islands what affordable high-speed Internet access can do for a community—for its families, its schools, its hospitals, its farms, its businesses—as well as the impact of its absence.

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August 19, 2019

The Honorable Adam Kinzinger U.S. House of Representatives 2245 Rayburn House Office Building Washington, DC 20515

#### Dear Congressman Kinzinger:

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August 19, 2019

The Honorable Daniel Lipinski
U.S. House of Representatives
2346 Rayburn House Office Building
Washington, DC 20515

Dear Congressman Lipinski:

Thank you for your letter regarding broadband mapping. Closing the digital divide is my top priority. I have seen for myself in 45 states, including Illinois, and the territories of Puerto Rico and the Virgin Islands what affordable high-speed Internet access can do for a community—for its families, its schools, its hospitals, its farms, its businesses—as well as the impact of its absence.

I agree that using updated and accurate broadband deployment data is critical to bridging the digital divide. We need to understand where broadband is available and where it is not to target our efforts and direct funding to areas that are most in needed. That is why the Commission began a top-to-bottom review of the Form 477 process to ensure that broadband data was more accurate, granular, and ultimately useful to the Commission and the public.

After a thorough review of the record and the painstaking work of our career staff, the Commission adopted a Report and Order at the FCC's August Open Meeting that will result in more granular and more accurate broadband maps through the creation of the Digital Opportunity Data Collection. That means requiring broadband providers to report where they actually offer service below the census block level, having the Universal Service Administrative Company independently test the validity of that data, and incorporating public feedback to ensure up to date and accurate broadband deployment maps.

I appreciate your continued interest in working with the FCC to close the digital divide and look forward to continuing to collaborate on this issue. Please let me know if I can be of any further assistance.

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